

Converting Colors

$Yxy(68.0800, 0.3219, 0.3336)$

Have a look what the booklet for
Yxy(68.0800, 0.3219, 0.3336)
contains.

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Color

Yxy(68.2262, 0.3221, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	DED6D1
RGB	222, 214, 209
RGB Percent	87%, 84%, 82%
CMY	0.1291, 0.1609, 0.1803
CMYK	0.00, 0.04, 0.06, 0.13
HSL	23°, 17%, 85%
HSV	23°, 6%, 87%
XYZ	65.6970, 68.2262, 70.0415
YIQ	215.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

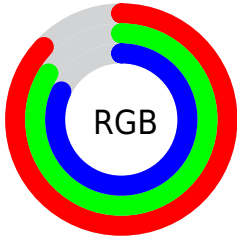
Format	Color
R _Y B	222, 217, 209
Decimal	14603985
CIE Lab	86.12, 1.92, 3.42
CIE LCh	86, 3.920, 60.752
Yxy	68.2262, 0.3221, 0.3345
Android (android.graphics.Color)	4292794065 (0xFFDED6D1)
YUV	215.8220, -3.3632, 5.4181
Hunter-Lab	82.5992, -2.5746, 7.5433

Details

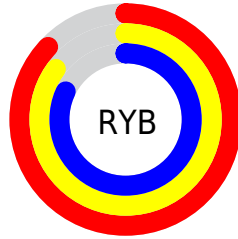
The Yxy color **68.2262, 0.3221, 0.3345** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5187, 0.3037, 0.3234**, and the grayscale version is **68.5702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3783, 0.3242, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **60.5295, 0.3402, 0.3444**, and if you desaturate by 10%, it is **76.6711, 0.3066, 0.3253**.

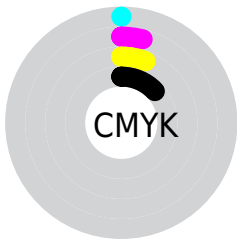
Distribution



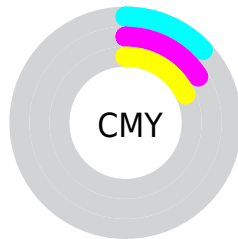
- Red (87%)
- Green (84%)
- Blue (82%)



- Red (87%)
- Yellow (85%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.2262, 0.3221, 0.3345 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 68.2262, 0.3221, 0.3345 by changing the saturation by 10% instead.

■ 68.2262, 0.3221,
0.3345

■ 68.2262, 0.3221,
0.3345

454.2970, 0.3177,
0.3319

■ 50.0818, 0.3231,
0.3351

116.6757, 0.3206,
0.3336

■ 35.4784, 0.3244,
0.3358

147.7495, 0.3200,
0.3333

■ 24.0316, 0.3260,
0.3367

183.9020, 0.3195,
0.3330

■ 15.3571, 0.3282,
0.3380

225.5174, 0.3190,
0.3327

■ 9.0704, 0.3312,
0.3397

272.9803, 0.3186,
0.3325

■ 4.7871, 0.3356,
0.3421

326.6749, 0.3183,

■ 2.1229, 0.3427,

0.3323

0.3460

386.9857, 0.3180,
0.3321

0.6775, 0.3700,
0.3629

0.0000, 0.0000,
0.0000

68.2262, 0.3221,
0.3345

68.2262, 0.3221,
0.3345

60.5295, 0.3402,
0.3444

76.6711, 0.3066,
0.3253

53.5511, 0.3613,
0.3547

85.8750, 0.2934,
0.3168

47.2723, 0.3858,
0.3652

94.2806, 0.2929,
0.3289

41.6702, 0.4136,
0.3752

■ 36.7202, 0.4445,
0.3840

■ 32.3966, 0.4774,
0.3905

■ 28.6713, 0.5107,
0.3932

■ 25.5135, 0.5417,
0.3911

■ 22.8886, 0.5677,
0.3837

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.2262, 0.3215, 0.3306



68.2262, 0.3221, 0.3345



68.2262, 0.3201, 0.3369

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.2262, 0.3221, 0.3345



68.2262, 0.3069, 0.3317



68.2262, 0.3092, 0.3209

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



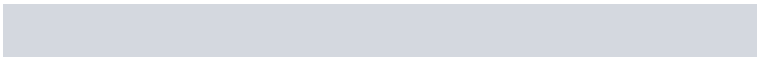
68.2262, 0.3221, 0.3345



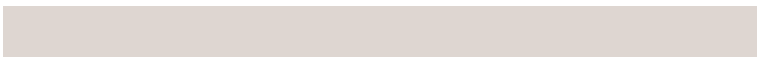
68.5187, 0.3037, 0.3234

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.2262, 0.3053, 0.3211



68.2262, 0.3221, 0.3345



68.2262, 0.3040, 0.3273

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.2262, 0.3221, 0.3345



68.2262, 0.3113, 0.3353



68.2262, 0.3034, 0.3235



68.2262, 0.3141, 0.3228

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



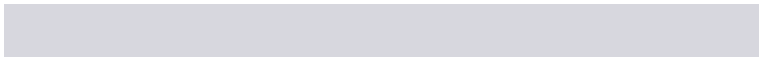
68.2262, 0.3221, 0.3345



68.2262, 0.3177, 0.3374



68.2262, 0.3034, 0.3235



68.2262, 0.3078, 0.3207

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68.2292, 0.3221, 0.3345



97.6754, 0.3158, 0.3309



66.1771, 0.3167, 0.3199



20.9310, 0.3157, 0.3308



0.0000, 0.0000, 0.0000



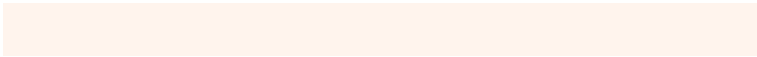
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.2292, 0.3221, 0.3345



92.0456, 0.3241, 0.3356



71.5050, 0.3215, 0.3414



14.8813, 0.3250, 0.3361



13.2247, 0.5746, 0.3820



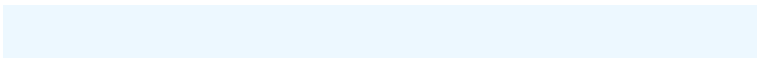
1.0856, 0.5457, 0.4049

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68.5187, 0.3037, 0.3234



92.5173, 0.3019, 0.3223



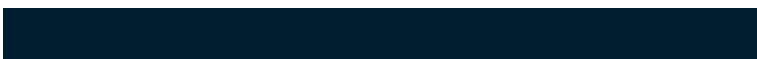
65.3066, 0.3038, 0.3163



14.9632, 0.3011, 0.3218



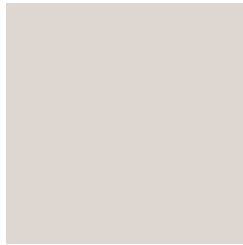
14.0841, 0.1889, 0.1999



1.1473, 0.1950, 0.2220

Previews

White Background



This preview shows how the Yxy color 68.2262, 0.3221, 0.3345 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 68.2262, 0.3221, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

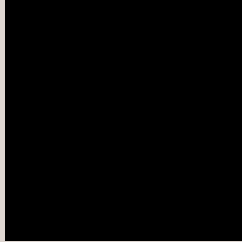
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

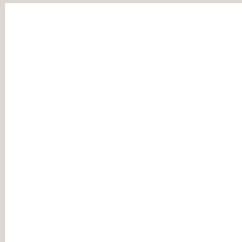
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.2262, 0.3221, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 68.2262, 0.3221, 0.3345.

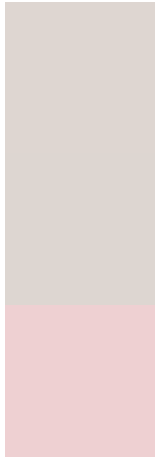


This preview shows how white text looks on a background with the Yxy color 68.2262, 0.3221, 0.3345.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

68.2262, 0.3221, 0.3345

Protanopia

68.0687, 0.3213, 0.3346

Deuteranopia

67.9420, 0.3342, 0.3269



Tritanopia

68.1975, 0.3114, 0.3107

Trichromacy



Original Color

68.2262, 0.3221, 0.3345

Protanomaly

68.0687, 0.3213, 0.3346

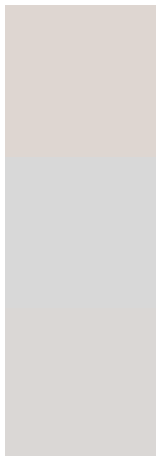
Deuteranomaly

67.9021, 0.3293, 0.3291

Tritanomaly

68.1547, 0.3154, 0.3192

Monochromacy



Original Color

68.2262, 0.3221, 0.3345

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.3104, 0.3163, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2262, 0.3221, 0.3345 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(222, 214, 209)` looks like.

```
.text, #text, p{  
    color:rgb(222, 214, 209)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(222, 214, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 214, 209) }
```

Border

The CSS property to change the border of an element to Yxy 68.2262, 0.3221, 0.3345 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 214, 209) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(222, 214, 209) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(222, 214, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 214, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 214, 209);  
box-shadow:4px 4px 4px 4px rgb(222, 214,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2262, 0.3221, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 214, 209) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(222,  
214, 209) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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